



B

**PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q67930

Hiroki TAKEUCHI, et al.

Allowed: July 08, 2003

Appln. No.: 10/026,454

Group Art Unit: 2826

Confirmation No.: 1274

Examiner: Alexander O. Williams

Filed: December 27, 2001

For: WIRING SUBSTRATE USING EMBEDDING RESIN

**RESPONSE TO NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW  
AND RESUBMISSION OF FORMAL DRAWINGS****MAIL STOP ISSUE FEE****ATTN: OFFICIAL DRAFTSPERSON**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This is in response to the Notice of Draftperson's Patent Drawing Review attached to the Notice of Allowance dated March 22, 2004. Applicants attach herewith a copy of the Notice of Draftperson's Patent Drawing Review.

In the Notice of Draftperson's Patent Drawing Review, it is indicated that the drawings filed March 8, 2002 are objected to for the following reasons:

1. Margins;
2. Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (Figs. 1-25); and
3. Solid black shading not permitted (Figs. 1-25).

Applicants respectfully submit that the formal drawings filed March 8, 2002 are in full compliance with the requirements under 37 C.F.R. § 1.84, and that the objection should be withdrawn.

RESPONSE TO NOTICE OF DRAFTPERSON'S  
PATENT DRAWING REVIEW AND  
RESUBMISSION OF FORMAL DRAWINGS  
U.S. Appln. No. 10/026,454  
Attorney Docket No. Q67930  
Page 2

In particular, in the drawings as filed, all of Figures 1-25 are depicted within the acceptable margins, i.e., top 2.5 cm, left 2.5 cm, right 1.5 cm and bottom 1.0 cm.

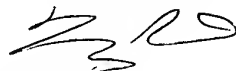
Furthermore, in all of Figures 1-25, lines, numbers and letters are uniformly thick and well defined, clean, durable, and black. Lastly, there is no solid black shading in the drawings.

For the Draftperson's convenience, Applicants attach herewith copies of the formal drawings as filed on March 8, 2002, along with the PTO stamped filing receipt.

In view of the foregoing, Applicants respectfully request that the Draftperson acknowledge the acceptance of the drawings.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Fang Liu  
Registration No. 51,283

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: May 4, 2004



85

**FILING RECEIPT**  
**PLEASE DATE STAMP AND RETURN TO US - BOX 235X**

In re application of

Hiroki TAKEUCHI, et al.

Appln. No. 10/026,454

Group Art Unit: 2811

Confirmation No.: 1274

Examiner: NOT YET ASSIGNED

Filed: December 27, 2001

For: EMBEDDING RESIN AND WIRING SUBSTRATE USING THE SAME

**PAPER(S) FILED ENTITLED:**

1. Response to Notice to File Missing Parts of Nonprovisional Application filed under 37 CFR 1.53(b) - Filing Date Granted (in duplicate) with executed Declaration and Power of Attorney, copy of "Notice to File Missing Parts of Nonprovisional Application filed under 37 CFR 1.53(b) - Filing Date Granted", and a check in the amount of \$130.00
2. Executed Assignment with PTO Form 1595 and a check in the amount of \$40.00
3. Submission of Priority Documents with certified copies of:  
Japan 2001-255781  
Japan 2000-401931
4. Submission of Formal Drawings (with 9 sheets of drawings)
5. Information Disclosure Statement (with references and PTO Form 1449)

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

DOCKET NO.: Q67930  
ATTORNEY/SEC: MXB/eco/plr

Date Filed: March 8, 2002





**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Hiroki TAKEUCHI, et al.

Appln. No.: 10/026,454

Group Art Unit: 2811

Confirmation No.: 1274

Examiner: NOT YET ASSIGNED

Filed: December 27, 2001

For: EMBEDDING RESIN AND WIRING SUBSTRATE USING THE SAME

**SUBMISSION OF FORMAL DRAWINGS**

**FILED**

**MAR - 8 2002**

Commissioner for Patents

Washington, D.C. 20231

Sir:

Submitted herewith please find nine (9) sheets of formal drawings. The Examiner is respectfully requested to acknowledge receipt of these formal drawings.

Respectfully submitted,

Mark Boland  
Registration No. 32,197

SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037-3213  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860  
MB/eec/plr  
Date: March 8, 2002